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- (S) Composite film.
- The present invention relates to a composite film comprising a metal, an alloy and/or an inorganic substance with an organic substance, which is excellent in decorative property, protection and functionality.

Methods applicable for forming such a composite film include a technique of evaporating a metal, an alloy, and/or an inorganic substance and an organic substance, simultaneously exciting the evaporated particles, and causing vapour-deposition in the state of ionized particles, neutral particles or radicals, and a method of sputtering, without excitation, etc.

The film of the present invention has excellent colour tone and wear resistance, and a frictional coefficient lower than that of a film formed from a metal, alloy or inorganic substance alone. Reduction in the consumption of expensive metals, alloys or inorganic substances is also achieved.



## **EUROPEAN SEARCH REPORT**

Application Number

EP 92 20 2490

ategory	Citation of document with in of relevant parts	dication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
(		CO-METALL-WERKE DAELEN	1,3,4	C23C28/00 C23C30/00 C23C14/06 C23C14/12
(	US-A-4 374 717 (DRA * claim 1 *	UGLIS ET AL.)	1,3,5	
(,P	DD-A-260 524 (TECHN UNIVERSITÄT,KARL-MA * claims 1,2,4; exa	RX STADT)	1,3,5	
	EP-A-0 195 117 (IBM * claim 1 *	)	2	
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Place of search Date of campbillon of the search THE HAGUE 26 OCTOBER 1992				PATTERSON A.M.
X : par Y : per	CATEGORY OF CITED DOCUME rticularly relevant if taken alone rticularly relevant if combined with an ament of the same category	E : earlier patent do after the filing	coment, but publate in the application	alished on, or

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